

Abstract

Ball screw with a spindle nut (2) arranged on a spindle (1), and also with balls (3), which are arranged in such a way that they can roll in a thread path (4), the thread path (4) being formed by a thread groove (5) formed on the spindle (1) and by a thread groove (5) formed on the spindle nut (2), and with at least one deflecting piece (8), which is arranged in a receptacle (7) of the spindle nut (2) and has a deflecting channel (9) for the return of the balls (3) respectively from a run-out end (10) to a run-in end of at least one common turn (12) of the thread path (4), the deflecting piece (8) being composed of two partial deflecting pieces (13, 14), a parting plane dividing the deflecting channel (9) longitudinally.

Figure 3